

Workforce Competency Dictionary

Appendix C: Revision Overview

Revision 6a Changes

NEW LEVEL 1 COMPETENCIES

Change#	CompID	Competency Title
528	175	Simulation Systems Competency
588	176	Legal Assistance
575	177	Crew Survival Engineering

MODIFIED LEVEL 1 COMPETENCIES

Change#	CompID	Competency Title
520	121	Cost Estimation and Analysis
591	125	Legal Application Practice
524	89	Advanced Mission Analysis
551	39	Habitability and Environmental Factors
550	31	Cell & Molecular Biology

DELETED LEVEL 1 COMPETENCIES

Change#	CompID	Competency Title
552	33	Neurobiology

NEW LEVEL 2 COMPETENCIES

Change#	CompID	Parent Level 1 Competency	Level 2 Competency Title
533	1110	Control Systems, Guidance & Navigation	Control Components
534	1111	Control Systems, Guidance & Navigation	Control Electronics
501	1112	Legal Application Practice	International Law
tbd	1113		Commercial Law
590	1114	Legal Assistance	Patent Agent
Tbd	1115	Human Capital Management	Sub 1
Tbd	1116		Sub 2
Tbd	1117		Sub 3
Tbd	1118		Sub 4
Tbd	1119		Sub 5
Tbd	1120		Sub 6
Tbd	1121		Sub 7
Tbd	1122		Sub 8
Tbd	1123		Sub 9

MODIFIED LEVEL 2 COMPETENCIES

Change#	CompID	Parent Level 1 Competency	Level 2 Competency Title
582	1082	Legal Assistance	Paralegal
Tbd	1083	Legal Application Practice	Intellectual Property Law

Change#	ComplD	Parent Level 1 Competency	Level 2 Competency Title
Tbd	1084		General Law
Tbd	1085		Contracts Law
Tbd	1086		Personnel/EEO Law
tbd	1087		Environmental/Real Property Law

ADDITIONAL CHANGES

Change#	Competency Title
tbd	Remove 6 sub HCM
565	Defer the change to delete "Detector Systems" The competency is to remain Active for Revision 6A and will be schedule for deletion in a future revision.

Revision 6 Changes

NEW LEVEL 1 COMPETENCIES

Change#	ComplD	Competency Title
535	174	Student Trainee

MODIFIED LEVEL 1 COMPETENCIES

Change#	ComplD	Competency Title
508	20	Sensors & Data Acquisition - Aeronautics
525	90	Aerospace Systems Concept Development & Technology Assessment
526	91	Advanced Analysis and Design Method Development
529	29	Quality Engineering & Assurance
530	27	Safety Engineering and Assurance
531	143	Fire Protection Engineering
532	150	Workplace Safety
539	1003	Work Performance Leadership
544	80	Computer Systems and Engineering
566	62	Mechanics and Durability
568	101	Aerodynamics
572	109	Advanced Experimentation and Testing Technologies
573	2	Mission Flight Design
580	114	Process Engineering

DELETED LEVEL 1 COMPETENCIES

Change#	ComplD	Competency Title
565	96	Detector Systems
567	63	Structural Systems

NEW LEVEL 2 COMPETENCIES

Change#	ComplD	Parent Level 1 Competency	Level 2 Competency Title
536	1101	Student Trainee	Technical Student Trainee
	1102		Clerical Student Trainee
	1103		Professional Administrative Student Trainee
545	1104	Safety Engineering and Assurance	System Safety
546	1105		Probabilistic Risk Assessment
547	1106		Trend Analysis

Change#	CompID	Parent Level 1 Competency	Level 2 Competency Title
548	1107		Precursor Analysis
585	1108	Rocket Propulsion	Solid & Hybrid Motor Systems
586	1109		Liquid Engine Systems
592	-	Human Capital Management	Human Capital Leadership & Planning
593	-		Workforce Planning & Analysis
594	-		Workforce Recruitment & Retention
595	-		Workforce Learning & Capability Building
596	-		Leadership & Organization Development
597	-		Performance Culture & Workplace Environment

ADDITIONAL CHANGES

Change#	Competency Title
518	Move 5.1.8. Terrestrial & Planetary Environmental Science and Engineering (PLANETENV) [23] From the 5. Science Knowledge Domain To the 2. Engineering & Technology Knowledge Domain.
569	Move "Fluid Physics" (43) from section 2.11 Thermal/Fluid Competency Suite to section 5.3 Physical Sciences Suite
570	Move "Advanced Materials and Processing Science" (65) from section 2.10 Structures, Materials mechanics competency suite to section 5.3 Physical Sciences competency suite.
571	Move "Electromagnetic" (12) from section 2.9 Sensor Systems competency suite to section 2.7 Electrical & Electronic competency suite.
511	Page 2 Item - 1.2.2.3 Assessment is misspelled as "Assesment"
513	Page 69 - 71 Item - Captions Competencies is misspelled as "Comptencies"